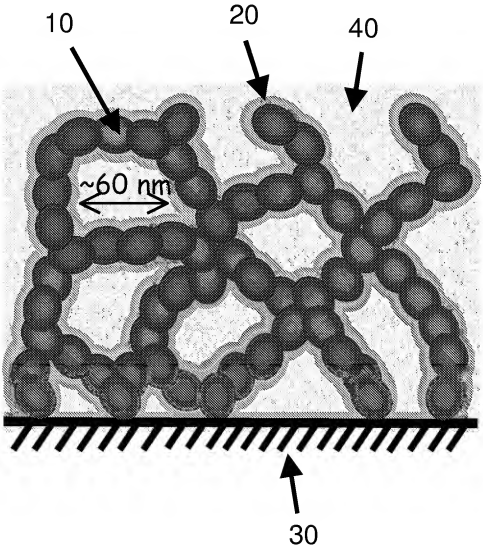

FIG. 1

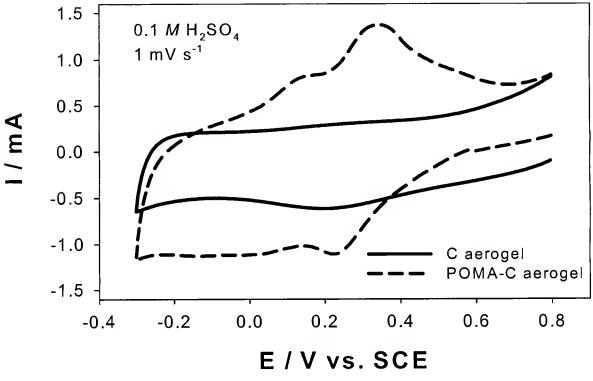
0.1 M H2SO4
1 mV s-1
C aerogel
POMA-C aerogel
I / mA
E / V vs. SCE
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-0.4
-0.2
0.0
0.2
0.4
0.6
0.8

FIG. 2

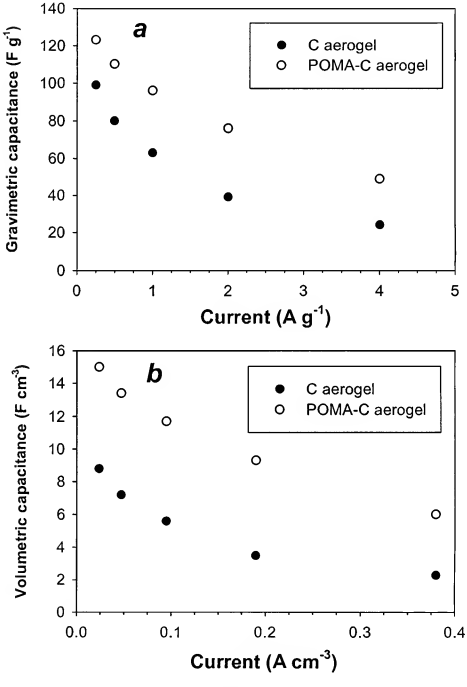
a
C aerogel
POMA-C aerogel
Gravimetric capacitance (F g-1)
Current (A g-1)
0
20
40
60
80
100
120
140
0
1
2
3
4
5
b
C aerogel
POMA-C aerogel
Volumetric capacitance (F cm-3)
Current (A cm-3)
0
2
4
6
8
10
12
14
16
0.0
0.1
0.2
0.3
0.4

FIG. 3